

GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
(DEPARTMENT OF COMMERCE)

LOK SABHA
UNSTARRED QUESTION NO. 3179
TO BE ANSWERED ON 06th AUGUST, 2018

IMPORT OF SOLAR CELLS AND MODULES

3179. DR. KAMBHAMPATI HARIBABU:
SHRI ANTO ANTONY:
SHRIMATI VASANTHI M.:

Will the Minister of **COMMERCE & INDUSTRY** (वाणिज्य एवं उद्योग मंत्री) be pleased to state:

- whether large scale import of solar equipments including cells and modules is adversely affecting the domestic industry and if so, the details thereof;
- whether the Government has received any complaints on this issue and if so, the details thereof along with the response of the Government thereto;
- whether the increased imports of 'solar cells whether or not assembled in modules or panels' in India have caused serious injury or threaten to cause serious injury to the domestic producers of the product and if so, the details of the investigations conducted by the Directorate General of Trade Remedies in this regard;
- whether the Government is considering or has recommended imposition of safeguard duty on import of solar cells and modules for two years to protect domestic players from steep rise in inbound shipments of the product and if so, the details thereof; and
- the details of total solar panels and modules manufacturing capacity in the country, State-wise along with the steps taken or proposed to be taken to boost local manufacturing of solar cells and modules to cater to the growing needs?

ANSWER

वाणिज्य एवं उद्योग मंत्रालय में राज्य मंत्री (श्री सी. आर. चौधरी)

THE MINISTER OF STATE IN THE MINISTRY OF COMMERCE AND INDUSTRY
(SHRI C. R. CHAUDHARY)

(a) The import data of solar equipments including cells and modules is as under:

(Value in Million US \$)

ITC(HS)	Item description	2015-16	2016-17	2017-18	2018-19 (upto May, 2018)
85414011	Solar cells/photovoltaic cells whethr or not assembled in module/panel	2344.55	3196.49	3837.57	338.76
85414019	Other photocells	64.57	98.28	75.79	3.17
Total		2409.12	3294.77	3913.36	341.93

(b) to (d) The Indian Solar Manufacturers Association (ISMA) on behalf of domestic industry had filed an application seeking imposition of Safeguard Duty on imports of "Solar Cells whether or not assembled in modules or panels". Accordingly, a Safeguard investigation against imports of the said product into India was initiated. On completion of investigation, Directorate General of Trade Remedies (DGTR) recommended imposition of Safeguard Duty on imports of Solar Cells, whether or not assembled in modules or panels, for two years .

Following DGTR's recommendation, Government has imposed on subject goods falling under heading 8541 or tariff item 8541 40 11, when imported into India, a safeguard duty as follows:

(a) twenty five per cent. ad valorem minus anti-dumping duty payable, if any, when imported during the period from 30th July, 2018 to 29th July, 2019 (both days inclusive);

(b) twenty per cent. ad valorem minus anti-dumping duty payable, if any, when imported during the period from 30th July, 2019 to 29th January, 2020 (both days inclusive); and

(c) fifteen per cent. ad valorem minus anti-dumping duty payable, if any, when imported during the period from 30th January, 2020 to 29th July, 2020 (both days inclusive).

(e): The details of solar panels and modules manufacturing capacity in the country are placed at Annexure. Domestic manufacturing of solar PV cells and modules in India is being supported by the Government of India through Modified Special Incentive Package Scheme (M-SIPS) of Ministry of Electronics & Information Technology. The scheme, inter alia, provides for:

(i). 20-25% subsidy for investments in capital expenditure for setting up of the manufacturing facility.

(ii.) Reimbursement of countervailing Duty (CVD)/ Excise Duty for capital equipment for the units outside Special Economic Zone (SEZ).

The solar power projects being implemented by the Central Public Sector Undertakings (CPSUs) with financial support from Government and those rooftop solar projects which are implemented with central financial assistance are mandated to source their requirement of solar cells & modules from domestic sources as per extant Guidelines, in a World Trade Organization (WTO) compliant manner.

State Wise Solar Panel/ Module Manufacturing Capacities in India as on 31-12-2017.

(This is based on the information provided to MNRE by Solar PV manufacturers till 30.04.2018.)

S. No.	State	Name of Company	Installed Capacity (MW) As on 31-12-2017
1	Andhra Pradesh	Photon Energy Systems Ltd	50
2	Andhra Pradesh	Renewsys India Pvt Ltd.	300
3	Andhra Pradesh	Radiant Solar	80
4	Andhra Pradesh	SHAN SOLAR PVT LTD	30
5	Andhra Pradesh	SUNRISE SOLAR SOLUTIONS	6
6	Andhra Pradesh	Titan Energy Systems	100
7	Chandigarh	Saatvik Green Energy Pvt. Ltd.	175
8	Chhattisgarh	Icon Solar-En Power Technologies Pvt Ltd	120
9	Chhattisgarh	Lanco Solar Pvt Ltd	200
10	Goa	Agrawal Renewable Energy Pvt. Ltd.	40
11	Gujarat	GOLDI GREEN TECHNOLOGIES PVT LTD	250
12	Gujarat	GreenBrilliance Energy Pvt. Ltd.	40
13	Gujarat	JJ PV SOLARPVT LTD	25
14	Gujarat	Mundra Solar PV Limited	1200
15	Gujarat	Navitas Green Solutions Pvt Ltd	200
16	Gujarat	Neety Euro Asia Solar Energy	75
17	Gujarat	Omsun Power Private Limited.	25
18	Gujarat	Powertrac solar project	20
19	Gujarat	Raajratna ventures ltd	50
20	Gujarat	Sahaj Solar Pvt.Ltd.	125
21	Gujarat	Sonali Energiees Pvt Ltd	100

22	Gujarat	Sunbless Geen	25
23	Gujarat	Sun Solar Techno Limited	30
24	Gujarat	Topsun Energy Limited	120
25	Gujarat	Vimal Electronics	6
26	Gujarat	Waaree Energies Limited	500
27	Haryana	Himalayan Solar Pvt Ltd	100
28	Haryana	Mainframe energy solutions pvt ltd	25
29	Haryana	RHINE SOLAR LTD	2.2
30	Haryana	Sunfuel Technologies LLP	50
31	Himachal Pradesh	Electromac Solar Systems Pvt. Ltd.	20
32	Himachal Pradesh	Plaza Power & Infrastructure co.	20
33	Karnataka	Bharat Electronics Limited	10
34	Karnataka	Emmvee Photovoltaic Power Private Limited	500
35	Karnataka	HHV Solar Technology	100
36	Karnataka	INNOVATIVE SOLAR SOLUTIONS	40
37	Karnataka	Kotak Urja Private Ltd	75
38	Karnataka	Microsun solar	60
39	Karnataka	Nucifera Renewable	15
40	Karnataka	Tata Power Solar Systems Limited	400
41	Karnataka	Bharat Heavy Electricals Limited	225
42	Madhya Pradesh	AMV ENERGY pvt ltd	10
43	Maharashtra	DESHMUKH SOLAR ENERGY PVT LTD	50
44	Maharashtra	Jain Irrigation System	55
45	Maharashtra	Jyotitech Solar LLP	35
46	Maharashtra	MxPower Solar Pvt. Ltd.	10
47	Maharashtra	Photonix Solar Pvt.Ltd	50
48	Maharashtra	Pragat akshay urja pvt ltd	30
49	Maharashtra	PV Power Technologies Private Limited	150
50	Maharashtra	Rolta Power Pvt Ltd	60

51	Rajasthan	AJIT SOLAR PVT. LTD.	35
52	Rajasthan	Dattatreya Maharaj Renewable Infra Project Consultancy Private Limited	0.5
53	Rajasthan	IYSERT Energy Research Pvt. Ltd.	10
54	Rajasthan	Novergy Energy Solutions P. Ltd.	45
55	Rajasthan	RAJASTHAN ELECTRONICS & INSTRUMENTS LTD., JAIPUR	19
56	Rajasthan	solarmax	18
57	Tamil Nadu	Dev Solar	3
58	Tamil Nadu	Evergreen Solar Systems	20
59	Tamil Nadu	KCP SOLAR INDUSTRY,	12
60	Tamil Nadu	MAS Solar Systems Private Limited	20
61	Tamil Nadu	Swelect Energy Systems Limited (HHV Solar)	130
62	Tamil Nadu	Tamilnadu Energy Solutions Pvt Ltd	10
63	Tamil Nadu	UdhayaEnergy Photovoltaics Pvt Ltd	10
64	Tamil Nadu	Vinova Energy Systems Private Limited	8
65	Telangana	Access Solar Limited	80
66	Telangana	Aditi Solar Private Limited	20
67	Telangana	ANDROMEDA ENERGY TECHNOLOGIES PVT LTD	30
68	Telangana	EMPIRE PHOTOVOLTAIC SYSTEMS PRIVATE LIMITED	36
69	Telangana	HBL Power Systems Ltd	120
70	Telangana	Junna Solar Systems	26.4
71	Telangana	Krishma Solar	15
72	Telangana	Premier Solar Systems Pvt Ltd	370
73	Telangana	Sri Savitr Solar Private Limited	250
74	Telangana	Sungrace	10
75	Telangana	AKSHAYA SOLAR POWER (INDIA) PVT LTD	30
76	Uttar Pradesh	ALPEX SOLAR	400
77	Uttar Pradesh	ankur traders and engineers pvt ltd	15
78	Uttar Pradesh	Central Electronics Limited	40

79	Uttar Pradesh	Enkay Solar Power & Infra. Pvt. Ltd.	370
80	Uttar Pradesh	Integrated Batteries India Pvt Ltd	50
81	Uttar Pradesh	ITI Ltd	8
82	Uttar Pradesh	Jakson Engineers Ltd.	70
83	Uttar Pradesh	Mehar Solar Technology Pvt Ltd	60
84	Uttar Pradesh	Moser Baer Solar Limited	100
85	Uttar Pradesh	Maharishi Solar Technology	15
86	Uttar Pradesh	Radical Solar Pvt. Ltd.	40
87	Uttar Pradesh	Ritika Systems Pvt Ltd	40
88	Uttar Pradesh	SATYAM ENTERPRISES	15
89	Uttar Pradesh	SEEMAC PHOTOVOLTAIC P LTD.	12
90	Uttarakhand	Gautam Solar private Limited	120
91	Uttarakhand	Genus Innovation Limited	20
92	West Bengal	H. R. Solar Solution Pvt. Ltd.	15
93	West Bengal	Modern solar Pvt. Ltd	40
94	West Bengal	SOVA SOLAR LIMITED	200
95	West Bengal	SUNSHINE POWER PRODUCTS PVT LTD	10
96	West Bengal	Syenergy Electric Pvt Ltd	50
97	West Bengal	Vikram Solar Limited	1000
98	West Bengal	Websol Energy System Limited	90
Total			10092.10
